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Notice of Allowability

Application No.

10/078,187

Applicant(s)

YAMAZAKI ET AL.

Examiner

Art Unit

Sikha Roy

2879

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 5/31/05.
2. ☒ The allowed claim(s) is/are 1-41 and 67-81.
3. ☒ The drawings filed on 31 May 2005 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____ |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____ |

DETAILED ACTION

The Amendment, filed on May 31, 2005 has been entered and is acknowledged by the Examiner.

The new drawing of Fig. 1 has been entered and is approved by the examiner.

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Mark Murphy on July 12, 2005.

The application has been amended as follows:

In the Claims

In claims 1 and 2, lines 5, 6 has been replaced with the following text:

--a first insulating film formed directly on the interlayer insulating film, and so as to cover an end of the first electrode; --

In claims 1 and 2, lines 10 and 11 has been replaced with the following text:

--a second insulating film formed directly on the interlayer insulating film, and a periphery of the first substrate and surrounding the pixel portion;--

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In claim 72, lines 5, 6 has been replaced with the following text:

--a first insulating film formed directly on the interlayer insulating film, and so as to cover an end of the first electrode; --

In claim 72 lines 10 and 11 has been replaced with the following text:

--a second insulating film formed directly on the interlayer insulating film, and the driver circuit portion and surrounding the pixel portion;--

Claims 42-66 drawn to a non-elected invention without traverse are cancelled.

Allowable Subject Matter

Claims 1-41, 67-81 allowed over the prior art of record.

The following is an examiner's statement of reasons for allowance:

Referring to claims 1,2 and 72, the references of the Prior Art of record fails to teach or suggest the display device having the combination of the limitations as set forth in claim 1,2 and 72, and specifically comprising the limitation of a first insulating film formed directly on the interlayer insulating film formed over the substrate, covering the end of the first electrode and second insulating film formed directly on the interlayer insulating film and the periphery of the first substrate and surrounding the pixel portion.

Claims 3,5,7,9,11,13,15,17 and 67 are allowable for the reasons given in claim 1 because of their dependency status from claim 1.

Claims 4,6,8,10,12,14,16,18 and 68 are allowable for the reasons given in claim 2 because of their dependency status from claim 2.

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Claims 73-81 are allowable for the reasons given in claim 72 because of their dependency status from claim 72.

The reasons for allowing claims 19-41 and 69-71 have already been cited in the Office Action mailed February 24, 2005.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Contact Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sikha Roy whose telephone number is (571) 272-2463. The examiner can normally be reached on Monday-Friday 8:00 a.m. – 4:30 p.m.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nimeshkumar D. Patel can be reached on (571) 272-2457. The fax phone number for the organization is (703) 308-7382.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-0956.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

G.R.

Sikha Roy
Patent Examiner
Art Unit 2879

Karabi Guharay
KARABI GUHARAY
PRIMARY EXAMINER